

# **(Optional) Homework No. 21 (Fall 2021)**

## **PHYS 203A: COLLEGE PHYSICS**

*Department of Physics, Southern Illinois University–Carbondale*

Due date: Thursday, 2021 Nov 18, 12.30pm, on D2L

### **Task**

Visit the SIUC Image Center and attend a live demonstration of the working principles of the following instruments.

1. Scanning Electron Microscope (or) Transmission Electron Microscope
2. Atomic Force Microscope

Submit this page (as it is) as proof of completion of the exercise. I will be getting the information on attendance from the Image Center too.

### **Instructions**

1. Complete the survey on D2L titled 'Survey for HW-21'. Based on the response from the survey I will divide you all into two groups and fix an appointment with the Image Center.
2. Attend the demonstration at the Image Center with your group. Here is the link to the Google map for the center <https://goo.gl/maps/v6cfcRVEBtbCc2xs7>, and here are the coordinates (37.71404348224311, -89.22292616018952) that you can type into the address bar of an Internet browser.
3. Submit this page on D2L, which will imply that you have completed the exercise. This is for convenience with grading. I will be getting the information on attendance from the Image Center too.